



GAHARU CULTIVATION & MANAGEMENT

SPEAKER : GOPALAKRISHNAN A/L SENGAN
DATE : 5 – 6 AUGUST 2019
VENUE : ISP HEADQUARTES
 SUITE 3A01, LEVEL 3A, PJ TOWER, AMCORP TRADE CENTRE
 18 PERSIARAN BARAT, 46050 PETALING JAYA, SELANGOR

OVERVIEW & OBJECTIVE

- The planting industry in Malaysia was dominated by rubber since 1900 and around 1960 onwards massive expansion of oil palm had taken place. In recent years crude oil palm oil (CPO) price has plunged to low level triggering the industry players and the government to explore cultivation of other suitable crops to cushion fall in commodity prices.
- Gaharu or agarwood (Aquilaria) can be a good choice in an effort for crop diversification. This plant is native to Southeast Asia. Commercial planting on small scale only began in 2000 to 2005 in Malaysia. Other than planting in gentle undulating terrains, this crop can be planted in hilly terrains for maximization of land use as experience has shown this plant thrive well in hilly areas too.
- Development and inoculation costs for gaharu are huge but it pays back with high return of investment (ROI) per unit of land. Gaharu venturing requires special expertise in certain specific areas namely vegetative, tissue culture propagation and inoculation of mature tree for resin forming. Therefore, it is essential that personnel involved in undertaking this project should acquire the necessary knowledge and skills before undertaking this project.



LEARNING OUTCOME

Acquire theoretical and practical hands-on knowledge and skills in various aspects of nursery establishment, development and cultivation, inoculation, harvesting and management of gaharu. Equip critical knowledge in the aspects on nursery, planting design and upkeep practices. Understand how to prepare planning, scheduling, manpower, machinery and material requirement and budget.

TARGET AUDIENCE

- Estate Managers, Divisional Managers, Assistant Managers, Cadets, Field Supervisors/ Assistants/ Conductors at Estate level.
- Regional and Operation Managers at Regional and Headquarters level.
- Others who have interest and indirectly involved in other project initiation namely students/trainees, auditors and bank officials.

METHODOLOGY

- ✓ Lectures, briefing and explanations.
- ✓ Conduct discussion and exchanging ideas and views.
- ✓ Question & answer sessions.

REGISTRATION FEES

- ❖ ISP MEMBER RM550 (INCLUSIVE OF 6% SST)
- ❖ NON-MEMBER RM650 (INCLUSIVE OF 6% SST)

WHAT YOU WILL COVER?

D	MORNING SESSION (9.00 AM – 1.00 PM)	AFTERNOON SESSION (2.30 PM – 5.00 PM)	D	MORNING SESSION (9.00 AM – 1.00 PM)	AFTERNOON SESSION (2.30M – 5.00 PM)
A			A		
Y			Y		
1	1. Introduction to Gaharu (Agarwood). 2. Botany of Gaharu Plant 3. Gaharu Propagation Types & Its Descriptions. 4. Nursery Establishment & Maintenance. 5. Nursery Recording & Reporting	1. Land Clearing/ Development Work Schedule/Machinery & Labour Requirement. 2. Layout Design for Terraced & Non-Terraced Area 3. Field Planting Preparation & Practices. 4. After Planting Care Measures.	2	1. Manuring 2. Weeding 3. Pruning 4. Pest & Disease Control 5. Up-righting Lodging Trees 6. Processes of Produce	1. Inoculation & Technology to Produce Gaharu Products. 2. Harvesting of Gaharu 3. Grades & Uses of Gaharu Products 4. Development/Immature/ Mature Cost Estimates 5. Yield & Cost Revenue Projection

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NO. 18 PERSIARAN BARAT, 46050 PETALING JAYA, SELANGOR
REGISTRATION FORM

Company Name: _____
Person In charge: _____
Telephone: _____
Email: _____
Address: _____

Signature Name: _____ Designation _____	Company's Stamp
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PARTICIPANT(S)' DETAILS

1. Name: _____
I/C No.: _____ Member: RM550.00 (Membership No.: _____) Non-Member: RM650.00
2. Name: _____
I/C No.: _____ Member: RM550.00 (Membership No.: _____) Non-Member: RM650.00
3. Name: _____
I/C No.: _____ Member: RM550.00 (Membership No.: _____) Non-Member: RM650.00
4. Name: _____
I/C No.: _____ Member: RM550.00 (Membership No.: _____) Non-Member: RM650.00
5. Name: _____
I/C No.: _____ Member: RM550.00 (Membership No.: _____) Non-Member: RM650.00

Special Dietary Requirement (Tick if applicable)

Vegetarian Others

PAYMENT METHOD

Cash Online Transfer ATM Transfer
 Cheque/ Bank Draft (Cheque/ Bank Draft No.: _____)

Amount: RM _____

Payment can be made to ISP MANAGEMENT (M) SDN BHD bank account **AMBANK ISLAMIC BERHAD/ AMBANK BERHAD**
888-101-596-8511

****Please return the registration form and provide proof of payment to emails below.**

TERMS AND CONDITIONS

- Request for cancellation must be made in writing.
- 100% refund will be made for written cancellation received before the day of the Seminar. Refund will be issued after the Seminar.
- No refund will be given for cancellation received after the Seminar. However, replacement is acceptable; please forward the replacement name to emails below.
- The registration form serves as the official invoice.
- All membership subscription should be paid before the day of the Seminar to entitle for members' rate, or else, non-members' rate will be applied.

Registration must be done by faxing/emailing the registration form to the following:

CONTACT PERSON

For **REGISTRATION**: Ms. Nabilah Said Tel. No.: 03-7955 5561 Email: nabilah@isp.org.my
For Enquiries: Mr. Rajindran Tel. No.: 012-316 1280 Email: rajindran@isp.org.my

DEADLINE:
26 JULY 2019

SPEAKER

GOPALAKRISHNAN A/L SENGAN

- ❖ Equipped with vast working knowledge and experience for more than 40 years in plantation industry.
 - ❖ Held ranks from Research Field Assistant, Assistant Manager, Manager, Senior Manager, Senior Operation Manager, Plantation Advisor to General Manager in public and private companies.
 - ❖ Involved extensively in oil palm cultivation, management, development and replanting and to a substantial extent in cocoa and **gaharu cultivation** and management.
 - ❖ Hold Certificate in Tropical Agriculture (Bennet College, London) and Executive Master in Plantation Management (Asia e University, Kuala Lumpur).
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